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PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	D5219
	First Inventor	Ning Lei
	Title	Method And Apparatus For Flexibly Regulating ...
	Express Mail Label No.	EL 954658705 US


1c971 U.S. PTO
10/087282
03/01/02

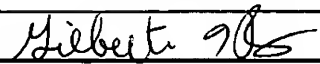
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 18] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 9]	ACCOMPANYING APPLICATION PARTS
5. Oath or Declaration [Total Pages 2] a. <input checked="" type="checkbox"/> Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input checked="" type="checkbox"/> Power of Attorney 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Certificate of Express Mail 17. <input checked="" type="checkbox"/> Other:
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number or Bar Code Label  (Insert Customer Number or Bar Code Label here) or <input type="checkbox"/> Correspondence address below					
Name	Gilberto Hernandez 30409				
Address	International Engine Intellectual Property Company, L.L.C. 4201 Winfield Rd.				
City	Warrenville	State	IL	Zip Code	60555
Country	U.S.A.	Telephone	630/753-2241	Fax	630/753-3982

Name (Print/Type)	Gilberto Hernandez	Registration No. (Attorney/Agent)	46,483
Signature		Date	3/1/02

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 932

Complete if Known

Application Number
Filing Date
First Named Inventor Ning Lei
Examiner Name
Group Art Unit
Attorney Docket No. D5219

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 14-0603
Deposit Account Name International Truck & Engine Corp.

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	740
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 740

2. EXTRA CLAIM FEES

Total Claims 26
Independent Claims 4
Multiple Dependent
Extra Claims -20** = 6 X Fee from below 18 = 108
-3** = 1 X Fee Paid 84 = 84
= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 192

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type) Gilberto Hernandez
Signature

Registration No. (Attorney/Agent) 46,483

Complete (if applicable)

Telephone 630/753-2241
Date 3/1/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
Algeria	1980	10.0	4.0	40.0	100.0	400.0
Algeria	1985	10.5	4.5	42.9	105.0	429.0
Algeria	1990	11.0	5.0	45.5	110.0	455.0
Algeria	1995	11.5	5.5	47.8	115.0	478.0
Algeria	2000	12.0	6.0	50.0	120.0	500.0
Algeria	2005	12.5	6.5	52.0	125.0	520.0
Algeria	2010	13.0	7.0	53.8	130.0	538.0
Algeria	2015	13.5	7.5	55.6	135.0	556.0
Algeria	2020	14.0	8.0	57.1	140.0	571.0
Algeria	2025	14.5	8.5	58.6	145.0	586.0
Algeria	2030	15.0	9.0	60.0	150.0	600.0
Algeria	2035	15.5	9.5	61.3	155.0	613.0
Algeria	2040	16.0	10.0	62.5	160.0	625.0
Algeria	2045	16.5	10.5	63.6	165.0	636.0
Algeria	2050	17.0	11.0	64.7	170.0	647.0
Algeria	2055	17.5	11.5	65.7	175.0	657.0
Algeria	2060	18.0	12.0	66.7	180.0	667.0
Algeria	2065	18.5	12.5	67.6	185.0	676.0
Algeria	2070	19.0	13.0	68.4	190.0	684.0
Algeria	2075	19.5	13.5	69.2	195.0	692.0
Algeria	2080	20.0	14.0	70.0	200.0	700.0
Algeria	2085	20.5	14.5	70.7	205.0	707.0
Algeria	2090	21.0	15.0	71.4	210.0	714.0
Algeria	2095	21.5	15.5	72.1	215.0	721.0
Algeria	2100	22.0	16.0	72.7	220.0	727.0
Algeria	2105	22.5	16.5	73.3	225.0	733.0
Algeria	2110	23.0	17.0	73.9	230.0	739.0
Algeria	2115	23.5	17.5	74.5	235.0	745.0
Algeria	2120	24.0	18.0	75.0	240.0	750.0
Algeria	2125	24.5	18.5	75.5	245.0	755.0
Algeria	2130	25.0	19.0	76.0	250.0	760.0
Algeria	2135	25.5	19.5	76.5	255.0	765.0
Algeria	2140	26.0	20.0	76.9	260.0	769.0
Algeria	2145	26.5	20.5	77.3	265.0	773.0
Algeria	2150	27.0	21.0	77.8	270.0	778.0
Algeria	2155	27.5	21.5	78.2	275.0	782.0
Algeria	2160	28.0	22.0	78.6	280.0	786.0
Algeria	2165	28.5	22.5	78.9	285.0	789.0
Algeria	2170	29.0	23.0	79.3	290.0	793.0
Algeria	2175	29.5	23.5	79.7	295.0	797.0
Algeria	2180	30.0	24.0	80.0	300.0	800.0
Algeria	2185	30.5	24.5	80.3	305.0	803.0
Algeria	2190	31.0	25.0	80.6	310.0	806.0
Algeria	2195	31.5	25.5	81.0	315.0	810.0
Algeria	2200	32.0	26.0	81.3	320.0	813.0
Algeria	2205	32.5	26.5	81.6	325.0	816.0
Algeria	2210	33.0	27.0	81.8	330.0	818.0
Algeria	2215	33.5	27.5	82.1	335.0	821.0
Algeria	2220	34.0	28.0	82.4	340.0	824.0
Algeria	2225	34.5	28.5	82.6	345.0	826.0
Algeria	2230	35.0	29.0	82.9	350.0	829.0
Algeria	2235	35.5	29.5			

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that this Patent Application is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR 1.10 on the date indicated above and is addressed to BOX Patent Application, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Cathi Majewski